WEST Search History

DATE: Friday, July 18, 2003

Set Name side by side	Query	Hit Count	Set Name result set
DB=DWPI; PLUR=YES; OP=OR			
L2	L1 and glycidyl$	36	L2
L1	golf$	23737	L1

END OF SEARCH HISTORY

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(FILE 'HOME' ENTERED AT 11:16:40 ON 18 JUL 2003)

     FILE 'REGISTRY' ENTERED AT 11:16:47 ON 18 JUL 2003
L1       15525 S 106-91-2/CRN
L2        1303 S 106-90-1/CRN
L3         681 S 74-85-1/CRN AND (L1 OR L2)

     FILE 'CA' ENTERED AT 11:17:25 ON 18 JUL 2003
L4          32 S GOLF? AND L3
L5          35 S GOLF? AND (L1 OR L2)
L6           3 S L5 NOT L4
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L Number	Hits	Search Text	DB	Time stamp
1	1460	((525/176) or (525/173) or (525/130) or (525/182) or (525/208)).CCLS.	USPAT; US-PGPUB	2003/07/18 13:06
2	30	(((525/176) or (525/173) or (525/130) or (525/182) or (525/208)).CCLS.) and golf$	USPAT; US-PGPUB	2003/07/18 13:06
3	8	((((525/176) or (525/173) or (525/130) or (525/182) or (525/208)).CCLS.) and golf$) and glycidyl$	USPAT; US-PGPUB	2003/07/18 13:10
4	22	((((525/176) or (525/173) or (525/130) or (525/182) or (525/208)).CCLS.) and golf$) not (((((525/176) or (525/173) or (525/130) or (525/182) or (525/208)).CCLS.) and golf$) and glycidyl$)	USPAT; US-PGPUB	2003/07/18 13:13
5	962	((473/378) or (473/374) or (473/373)).CCLS.	USPAT; US-PGPUB	2003/07/18 13:13
6	61	(((473/378) or (473/374) or (473/373)).CCLS.) and glycidyl$	USPAT; US-PGPUB	2003/07/18 13:13
7	58	((((473/378) or (473/374) or (473/373)).CCLS.) and glycidyl$) not ((((525/176) or (525/173) or (525/130) or (525/182) or (525/208)).CCLS.) and golf$)	USPAT; US-PGPUB	2003/07/18 13:35
8	11165	golf$[ab]	USPAT; US-PGPUB	2003/07/18 13:35
9	118	golf$[ab] and glycidyl$	USPAT; US-PGPUB	2003/07/18 13:35
10	54	(golf$[ab] and glycidyl$) not ((((((473/378) or (473/374) or (473/373)).CCLS.) and glycidyl$) not ((((525/176) or (525/173) or (525/130) or (525/182) or (525/208)).CCLS.) and golf$)) or ((((473/378) or (473/374) or (473/373)).CCLS.) and glycidyl$) or ((((525/176) or (525/173) or (525/130) or (525/182) or (525/208)).CCLS.) and golf$))	USPAT; US-PGPUB	2003/07/18 13:36

AN   130:197426 CA
TI   Compositions comprising an amide block copolymer or rubber and an ionomer
       for **golf** ball covers, and **golf** balls therefrom for
       increased distance and improved spin
IN   Kim, Hyun; Snell, Dean; Renard, Philippe; Vincent, Benoit
PA   Taylor Made Golf Co., Inc., USA
SO   PCT Int. Appl., 81 pp.
       CODEN: PIXXD2
DT   Patent
LA   English
IC   ICM A63B037-12
       ICS C08L033-02; C08L077-00
CC   37-6 (Plastics Manufacture and Processing)
       Section cross-reference(s): 38, 39
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9908756	A1	19990225	WO 1998-US17231	19980820
	W: AU, GB, JP				
	AU 9889158	A1	19990308	AU 1998-89158	19980820
	GB 2343123	A1	20000503	GB 2000-4076	19980820
	JP 2003504089	T2	20030204	JP 2000-509491	19980820
PRAI	US 1997-915081	A	19970820		
	US 1998-70497P	P	19980105		
	WO 1998-US17231	W	19980820		

AB   Title compn. comprises an amide block copolymer or rubber having Shore D
       hardness .ltoreq.40, an ionomer having a hardness greater than the
       hardness of the amide block copolymer or rubber, and, optionally, a
       compatibilizer. The resp. amts. of amide block copolymer or rubber and
       ionomer depend upon the desired cover hardness. Thus, a **golf**
       ball having a 1.55 in. polybutadiene core (PGA compression 70) and a
       single-layer cover comprising 90% Pebax 2533 (Shore D hardness 25) and
10%
       Surlyn AD 8546 (Li salt, Shore D hardness 66, elongation 275%) had PGA
       compression 68, cover Shore D hardness 37, driver spin 4440 rpm, drive
       velocity 153.2 mph, driver distance 252 yd, and 8-iron spin 9850 rpm,
       compared with 66, 44, 3565, 254.3, 252, and 8200, resp., for a coating
       contg. Suryln 8320 instead of Pebax 2533, and 87, 48, 4625, 160.5, 258,
       and 9600, resp., for a balata cover.
ST   polyamide rubber ionomer blend **golf** ball; **golf** ball
       cover ionomer polyamide blend
IT   **Golf** balls
           (compns. comprising an amide block copolymer or rubber and an ionomer
           for **golf** ball covers, and **golf** balls therefrom for
           increased distance and improved spin)
IT   Polymer blends
       RL: DEV (Device component use); USES (Uses)
           (compns. comprising an amide block copolymer or rubber and an ionomer
           for **golf** ball covers, and **golf** balls therefrom for
           increased distance and improved spin)
IT   Ionomers
       RL: DEV (Device component use); POF (Polymer in formulation); USES (Uses)
           (compns. comprising an amide block copolymer or rubber and an ionomer
           for **golf** ball covers, and **golf** balls therefrom for
           increased distance and improved spin)
IT   Butadiene rubber, uses
       RL: DEV (Device component use); POF (Polymer in formulation); USES (Uses)

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              (core; compns. comprising an amide block copolymer or rubber and an
              ionomer for golf ball covers, and golf balls
              therefrom for increased distance and improved spin)
     IT    Synthetic rubber, uses
           RL: DEV (Device component use); POF (Polymer in formulation); USES (Uses)
              (ethylene-glycidyl methacrylate-Me acrylate, compatibilizer, Lotader
AX
              8900; compns. comprising an amide block copolymer or rubber and an
              ionomer for golf ball covers, and golf balls
              therefrom for increased distance and improved spin)
     IT    Polyethers, uses
           Polyethers, uses
           Polyethers, uses
           RL: DEV (Device component use); POF (Polymer in formulation); USES (Uses)
              (polyamide-polyester-, block, elastomeric; compns. comprising an amide
              block copolymer or rubber and an ionomer for golf ball
              covers, and golf balls therefrom for increased distance and
              improved spin)
     IT    Synthetic rubber, uses
           Synthetic rubber, uses
           RL: DEV (Device component use); POF (Polymer in formulation); USES (Uses)
              (polyamide-polyester-polyether, block; compns. comprising an amide
              block copolymer or rubber and an ionomer for golf ball
              covers, and golf balls therefrom for increased distance and
              improved spin)
     IT    Polyesters, uses
           Polyesters, uses
           Polyesters, uses
           RL: DEV (Device component use); POF (Polymer in formulation); USES (Uses)
              (polyamide-polyether-, block, elastomeric; compns. comprising an amide
              block copolymer or rubber and an ionomer for golf ball
              covers, and golf balls therefrom for increased distance and
              improved spin)
     IT    Polyester rubber
           Polyester rubber
           RL: DEV (Device component use); POF (Polymer in formulation); USES (Uses)
              (polyamide-polyether-, block; compns. comprising an amide block
              copolymer or rubber and an ionomer for golf ball covers, and
            golf balls therefrom for increased distance and improved spin)
     IT    Polyamides, uses
           Polyamides, uses
           Polyamides, uses
           RL: DEV (Device component use); POF (Polymer in formulation); USES (Uses)
              (polyester-polyether-, block, elastomeric; compns. comprising an amide
              block copolymer or rubber and an ionomer for golf ball
              covers, and golf balls therefrom for increased distance and
              improved spin)
     IT    9003-17-2
           RL: DEV (Device component use); POF (Polymer in formulation); USES (Uses)
              (butadiene rubber, core; compns. comprising an amide block copolymer
or
              rubber and an ionomer for golf ball covers, and golf
              balls therefrom for increased distance and improved spin)
     IT    25608-26-8, Surlyn 8140    28516-43-0, Surlyn 9120    75062-18-9, Surlyn AD
           8552    168679-80-9, Surlyn 7930    220786-79-8, Surlyn AD 8546
           RL: DEV (Device component use); POF (Polymer in formulation); USES (Uses)
              (compns. comprising an amide block copolymer or rubber and an ionomer
              for golf ball covers, and golf balls therefrom for
              increased distance and improved spin)
     IT    51541-08-3, Ethylene-glycidyl methacrylate-methyl acrylate
           copolymer
           RL: DEV (Device component use); POF (Polymer in formulation); USES (Uses)
              (rubber, compatibilizer; compns. comprising an amide block copolymer
or
              rubber and an ionomer for golf ball covers, and golf
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balls therefrom for increased distance and improved spin)